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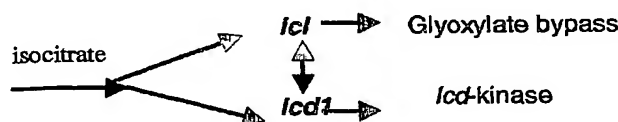
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(54) Title: METHOD



(57) Abstract: A method for attenuating a microorganism which comprises inhibiting in the microorganism a metabolic pathway essential for viability, by promoting use of the substrate of the pathway in a different metabolic pathway which is non-essential to the microorganism whereby the substrate is unavailable to the essential pathway and the micro organism is attenuated.

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